

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001997**Date Inspected:** 03-Apr-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** OBG Floor Beam Diaphragm**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

ZPMC NDT (MT):

QA Inspector Brannon observed ZPMC magnetic particle (MT) technician Mr. Bo Ting Yui performing (MT) at FB008-05-045 excavation for B-WR118 and FB005-01, FB005-02,FB005-04 and FB005-05. Mr. Bo stated to QA Inspector that he found no linear indication in the excavation. QA Inspector Brannon performed visual inspection (VT) and magnetic particle testing (MT) on the excavation for B-WR118 and FB005-01, FB005-02,FB005-04 and FB005-05. See Caltrans Magnetic Particle Test Report, TL-6028 dated April 3, 2008 for additional information.

ZPMC NDT (MT):

QA Inspector Brannon observed ZPMC magnetic particle (MT) technician Mr. Cai Xin Xin performing (MT) at FB005-03 and FB005-06. Mr. Cai stated to QA Inspector that he found no linear indication in the excavation. QA Inspector Brannon performed visual inspection (VT) and magnetic particle testing (MT) at FB005-03 and FB005-06. See Caltrans Magnetic Particle Test Report, TL-6028 dated April 3, 2008 for additional information.

Summary of Conversations:

As stated within the report.

Comments

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Brannon,Sherri	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
